



## DELINEATION WORKPLAN

### OXY – SDS 11 FEDERAL #1 SWD FACILITY (Leak Date: 1/16/17)

**RP # 2RP-4092**  
**API # 30-015-27627**

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This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4092.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

***Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:***

***OXY will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 1 foot.***

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

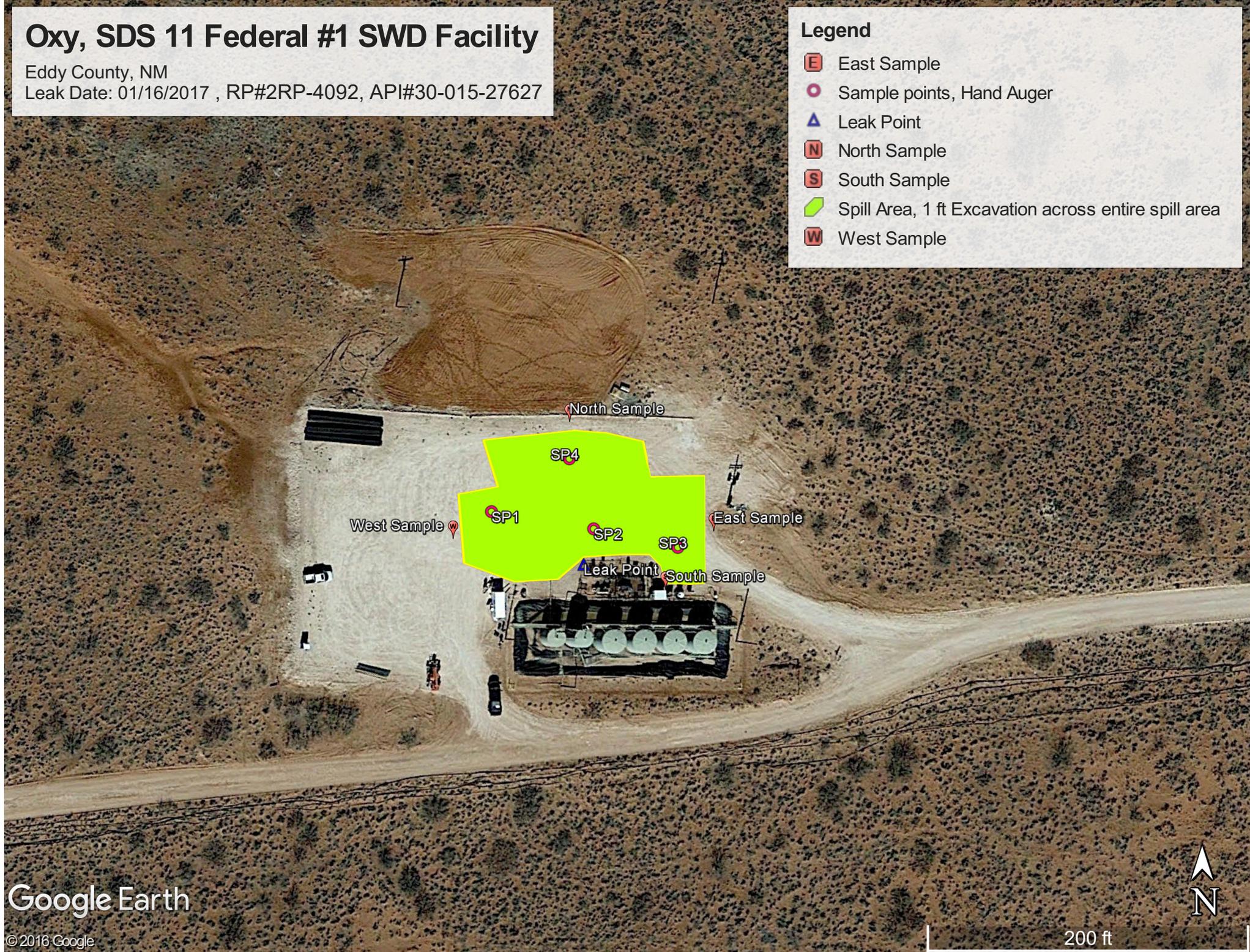
# Oxy, SDS 11 Federal #1 SWD Facility

Eddy County, NM

Leak Date: 01/16/2017 , RP#2RP-4092, API#30-015-27627

## Legend

-  East Sample
-  Sample points, Hand Auger
-  Leak Point
-  North Sample
-  South Sample
-  Spill Area, 1 ft Excavation across entire spill area
-  West Sample



Oxy, SDS 11 Federal #1 SWD Facility

Sample points, Hand Auger

SP1, GPS POINT: N 32.23334 W-103.75085

SP2, GPS POINT: N 32.23331 W-103.75063

SP3, GPS POINT: N 32.23328 W-103.75046

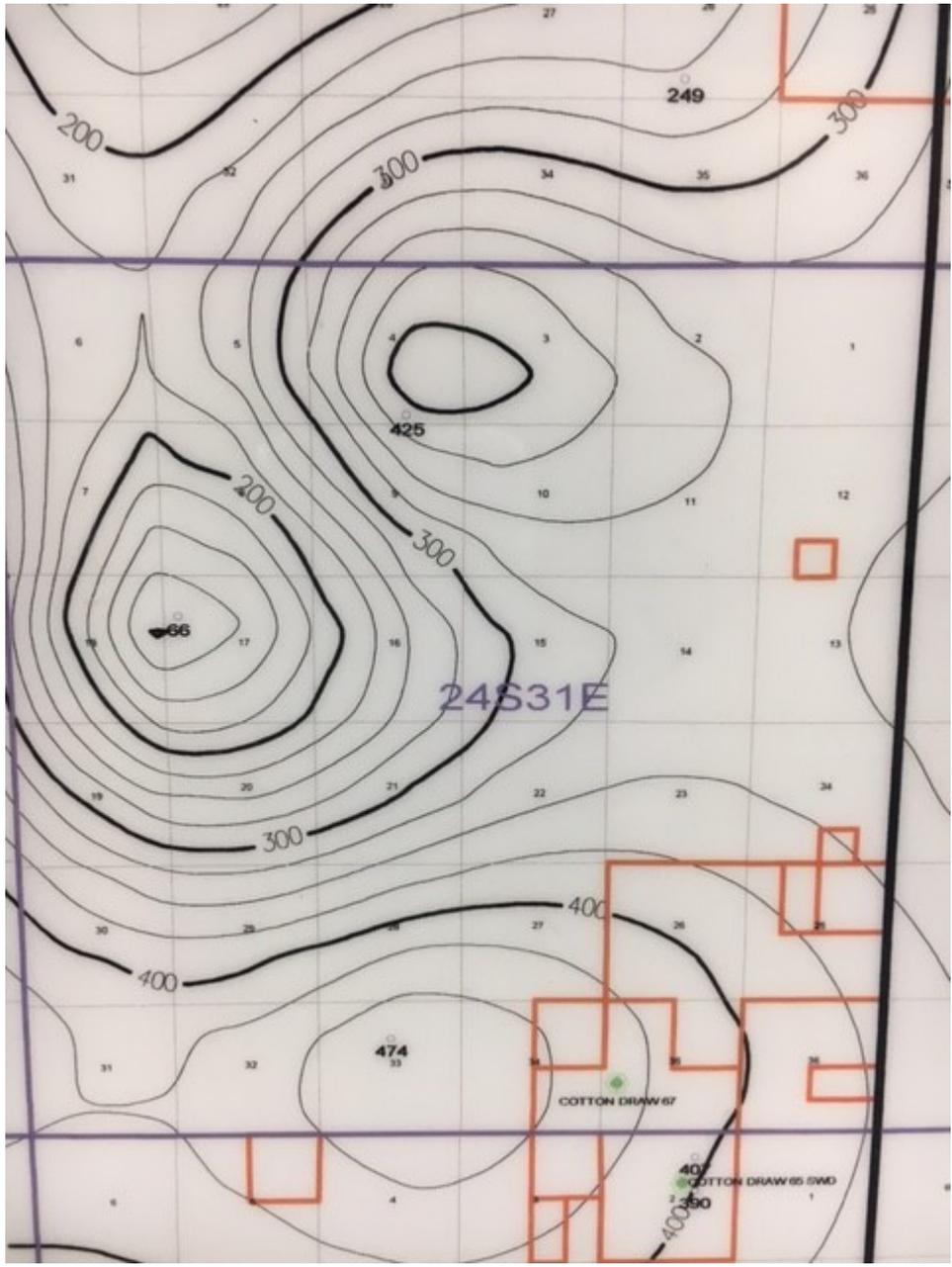
SP4, GPS POINT: N 32.23343 W-103.75068

NORTH SAMPLE, GPS POINT: N 32.23350 W-103.75068

SOUTH SAMPLE, GPS POINT: N 32.23320 W-103.75048

EAST SAMPLE, GPS POINT: N 32.23331 W-103.75038

WEST SAMPLE, GPS POINT: N 32.23329 W-103.75093





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,  
O=orphaned,  
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_02460</a>		C	ED			3	02	24S	31E	617496	3568022*	<input type="checkbox"/>	1022	320	
<a href="#">C_02460.POD2</a>		C	ED			3	02	24S	31E	617496	3568022*	<input type="checkbox"/>	1022	320	
<a href="#">C_02464</a>		C	ED	3	4	1	02	24S	31E	617589	3568530*	<input type="checkbox"/>	1513	320	205 115
<a href="#">C_02405</a>		C	ED	4	1	02	24S	31E	617690	3568631*	<input type="checkbox"/>	1610	275	160	115
<a href="#">C_02440</a>		C	ED	2	3	10	24S	31E	616103	3566599*	<input type="checkbox"/>	1658	350		

Average Depth to Water: **182 feet**  
 Minimum Depth: **160 feet**  
 Maximum Depth: **205 feet**

**Record Count:** 5

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 617707

**Northing (Y):** 3567021

**Radius:** 1700

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/9/17 11:40 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

**Public Land Survey System (PLSS)**

Q64:            Q16: SE            Q4: NW            Sec: 11            Tws: 24S            Rng: 31E

**State Plane Coordinate System - NAD27**

X:            ft            Y:            ft            Zone:

**State Plane Coordinate System - NAD83**

X:            ft            Y:            ft            Zone:

**Degrees/Minutes/Seconds**

Longitude (X):            Degrees:    °            Minutes:    '            Seconds:    "

Latitude (Y):            Degrees:    °            Minutes:    '            Seconds:    "

**UTM - NAD27**

Easting (X):            mtrs    Northing (Y):            mtrs    Zone:

**SUBMIT**

All Conversion Results are displayed as **NAD 1983 UTM Zone 13**

Easting (X):  mtrs            Northing (Y):  mtrs

~~ Please keep screen open to copy UTM values for Reports. ~~



# Groundwater Plot

## Oxy SDS 11 Federal #1 SWD

County  
Eddy

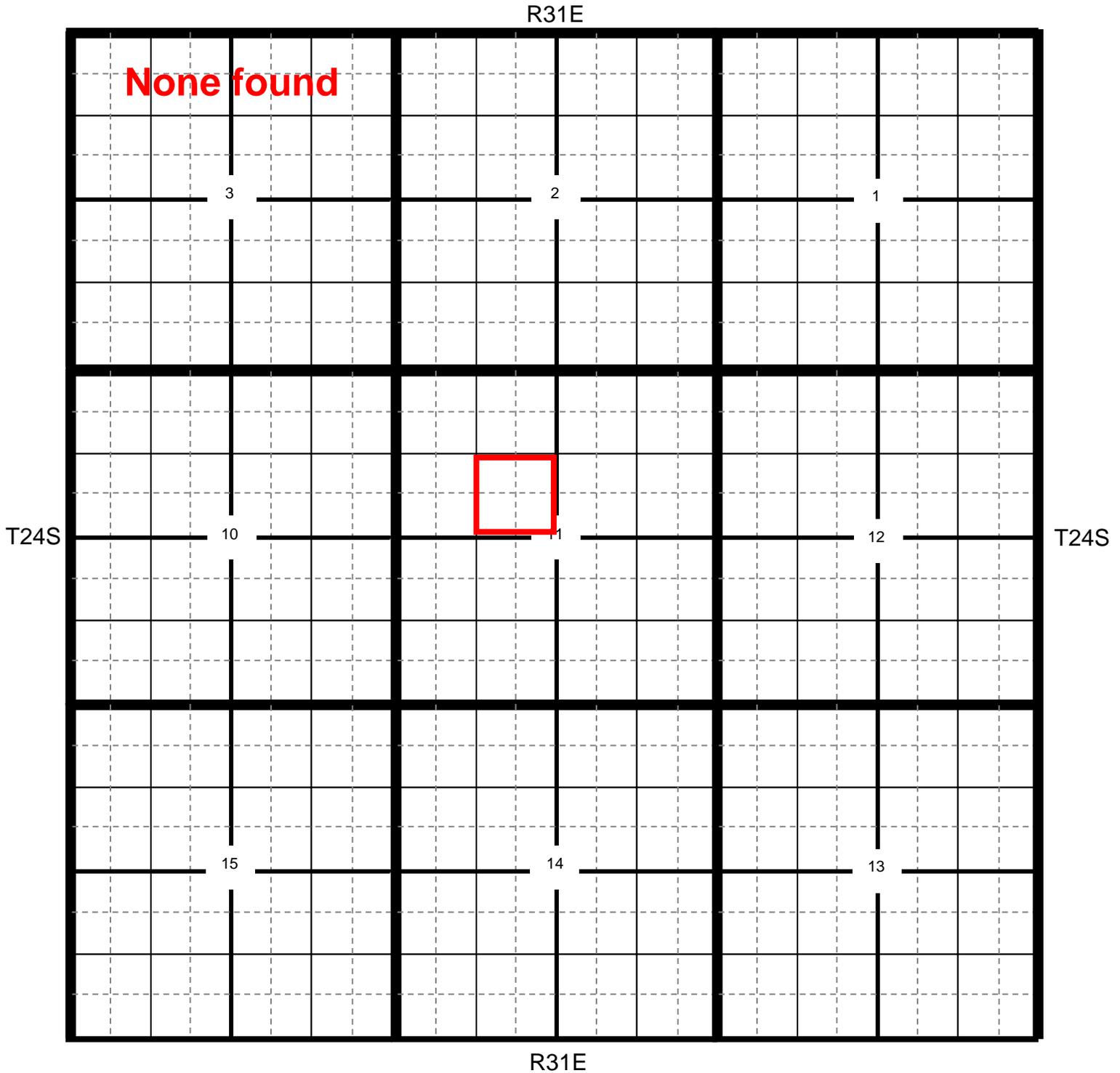
Unit Letter  
F

Section  
11

Township  
24S

Range  
31E

Trend Map 350'



📍 Location

● OCD

● USGS

● SEO

● All Databases

## Oxy SDS 11 Federal #1 SWD

County Eddy      Unit Letter F      Section 11      Township T24S      Range R31E

Trend Map 350'

1

2

NW/NW <b>None found</b>	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	<b>SE/NW</b>	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

**Laboratory Analytical Results Summary  
SDS 11 Federal #1 SWD Facility**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	1/27/17	1/27/17	1/27/17
			mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>1090</b>	<b>416</b>	<b>48</b>

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	1/27/17	1/27/17	1/27/17
			mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>944</b>	<b>240</b>	<b>48</b>

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	1/27/17	1/27/17	1/27/17
			mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>2480</b>	<b>256</b>	<b>48</b>

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	1/27/17	1/27/17	1/27/17
			mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>3920</b>	<b>128</b>	<b>48</b>

		Sample	NORTH @ 1'
Analyte	Method	Date	1/27/17
			mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>32</b>

		Sample	EAST @ 1'
Analyte	Method	Date	1/27/17
			mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>32</b>

		Sample	WEST @ 1'
Analyte	Method	Date	1/27/17
			mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>32</b>

		Sample	SOUTH @ 1'
Analyte	Method	Date	1/27/17
			mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>48</b>

February 09, 2017

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/02/17 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/02/2017	Sampling Date:	01/27/2017
Reported:	02/09/2017	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Brittany Feller
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP1 @ 1' (H700255-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1090</b>	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP1 @ 2' (H700255-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>416</b>	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP1 @ 3' (H700255-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP2 @ 1' (H700255-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>944</b>	16.0	02/04/2017	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/02/2017	Sampling Date:	01/27/2017
Reported:	02/09/2017	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Brittany Feller
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP2 @ 2' (H700255-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP2 @ 3' (H700255-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP3 @ 1' (H700255-07)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	02/04/2017	ND	432	108	400	0.00	QM-07

**Sample ID: SP3 @ 2' (H700255-08)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP3 @ 3' (H700255-09)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/04/2017	ND	432	108	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/02/2017	Sampling Date:	01/27/2017
Reported:	02/09/2017	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Brittany Feller
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP4 @ 1' (H700255-10)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP4 @ 2' (H700255-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SP4 @ 3' (H700255-12)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: NORTH SAMPLE @ 1' (H700255-13)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: EAST SAMPLE @ 1' (H700255-14)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/04/2017	ND	432	108	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/02/2017	Sampling Date:	01/27/2017
Reported:	02/09/2017	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Brittany Feller
Project Location:	EDDY COUNTY, NM		

**Sample ID: WEST SAMPLE @ 1' (H700255-15)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	02/04/2017	ND	432	108	400	0.00	

**Sample ID: SOUTH SAMPLE @ 1' (H700255-16)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	02/04/2017	ND	432	108	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- QM-07      The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND          Analyte NOT DETECTED at or above the reporting limit
- RPD        Relative Percent Difference
- \*\*          Samples not received at proper temperature of 6°C or below.
- \*\*\*        Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report



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Celey D. Keene, Lab Director/Quality Manager



**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.		P.O. #:																									
Project Manager: Cliff Brunson		Company: Oxy																									
Address: P.O. Box 805		Attn: Casper Summers																									
City: Hobbs		Address:																									
State: NM Zip: 88241		City:																									
Phone #: 575-397-6388		State:																									
Fax #: 575-397-0397		Zip:																									
Project #: _____		Project Owner: Oxy																									
Project Name: SDS 11 FEDERAL #1 SWD FACILITY		Phone #:																									
Project Location: Eddy County, NM		Fax #:																									
Sampler Name: JEFF ORNELAS		PRESERV:																									
FOR LAB USE ONLY		SAMPLING																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
#70055-	SP1 @ 1'	✓	1	✓		✓							1/27/17	10:33 AM	✓												
	SP1 @ 2'	✓	1	✓		✓							1/27/17	10:42 AM	✓												
	SP1 @ 3'	✓	1	✓		✓							1/27/17	11:00 AM	✓												
	SP2 @ 1'	✓	1	✓		✓							1/27/17	11:27 AM	✓												
	SP2 @ 2'	✓	1	✓		✓							1/27/17	11:49 AM	✓												
	SP2 @ 3'	✓	1	✓		✓							1/27/17	12:15 PM	✓												
	SP3 @ 1'	✓	1	✓		✓							1/27/17	1:15 PM	✓												
	SP3 @ 2'	✓	1	✓		✓							1/27/17	1:30 PM	✓												
	SP3 @ 3'	✓	1	✓		✓							1/27/17	1:49 PM	✓												
	SP4 @ 1'	✓	1	✓		✓							1/27/17	2:00 PM	✓												

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Relinquished By: *Jeff Ornelas* Date: *1/27/17* Time: *5:30pm* Received By: *Ricktony Sellers*

Delivered By: (Circle One) *-2.5°* Sample Condition:  Cool  Intact  Yes  No

Sampler - UPS - Bus - Other: *EX* CHECKED BY: *(Initials)*

REMARKS:

*10/2*



**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

2 of 2

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #:  
 Address: P.O. Box 805 State: NM zip: 88241 Company: *Jesus Gutierrez*

City: Hobbs Attn: *Bob*  
 Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: Oxy City:  
 Project Name: SDS 11 FEDERAL #1 SWD FACILITY State: Zip:

Project Location: Eddy County, NM Phone #:  
 Sampler Name: JEFF ORNELAS Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					DATE	TIME	CHECKED BY:
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			
<i>11</i>	SP4 @ 2'	1	<input checked="" type="checkbox"/>					1/27/17	2:15 PM	<input checked="" type="checkbox"/>
<i>12</i>	SP4 @ 3'	1	<input checked="" type="checkbox"/>					1/27/17	2:28 PM	<input checked="" type="checkbox"/>
<i>13</i>	NORTH SAMPLE @ 1'	1	<input checked="" type="checkbox"/>					1/27/17	2:30 PM	<input checked="" type="checkbox"/>
<i>14</i>	EAST SAMPLE @ 1'	1	<input checked="" type="checkbox"/>					1/27/17	2:39 PM	<input checked="" type="checkbox"/>
<i>15</i>	WEST SAMPLE @ 1'	1	<input checked="" type="checkbox"/>					1/27/17	2:45 PM	<input checked="" type="checkbox"/>
<i>16</i>	SOUTH SAMPLE @ 1'	1	<input checked="" type="checkbox"/>					1/27/17	2:55 PM	<input checked="" type="checkbox"/>

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Jeff Ornelas* Date: *1/27/17* Time: *5:30pm*  
 Received By: *Brian Felen*

Delivered By: (Circle One) *UPS* - Bus - Other: *-2.50*  
 Sample Condition: Cool  Intact  Yes  No  Yes  No   
 CHECKED BY: *BT*

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294; Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	SDS 11 Federal #1 SWD Facility	Facility Type	SWD
Surface Owner	BLM	Mineral Owner	API No. 30-015-27627

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	11	24S	31E					Eddy

Latitude N 32.23339° Longitude W 103.75040°

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	18 bbls	Volume Recovered	8 bbls
Source of Release	Nipple leak on disposal line	Date and Hour of Occurrence	01/16/2017	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, Heather Patterson- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	01/18/2017 @ 12:54 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

A nipple leak on the disposal line caused a leak of 18 bbls of produced water. A vacuum truck recovered 8 bbls of produced water and the nipple was replaced.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 80' x 55' on location. Remediation will be completed in accordance with the remediation plan approved by both NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey_Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1-25-17	Phone: (575) 513-8289		

\* Attach Additional Sheets If Necessary